1	1. A device for lining a vessel, comprising:
2	an expandable anchor movable from a collapsed shape to an expanded shape;
3	a liner attached to the anchor;
4	an inner layer, the liner being mounted over the inner layer; and
5	an outer layer extending over the liner and the anchor, the outer layer being
6	attached to the outer layer, the outer layer being retracted to expose the liner when the
7	outer layer is moved proximally relative to the inner layer.
1	2. The device of claim 1 wherein:
2	the outer layer holds the anchor in the collapsed position.
1	3. The device of claim 1 wherein:
2	the outer layer has a thickness of 0.0005-0.002 inch.
1	4. The device of claim 1 wherein:
2	the outer layer stretches over a tapered portion, the outer layer stretching as it
3	passes over the tapered portion when the outer layer is moved proximally relative to
4	the inner layer.
1	5. The device of claim 1 further comprising:
2	an inner element attached to the inner layer.
1	6. The device of claim 5, wherein:
2	the inner layer has a thickness of 0.0005-0.002 inch.
1	7. The device of claim 1 wherein:
2	the outer layer has a diameter of no more than 0.055 inch when in the
3	collapsed position.
1 ,	The device of claim 1 wherein:

_	the other rayer has a diameter of no more than 0.050 inch when in the
3	collapsed position.
1	9. The device of claim 1 wherein:
2	
3	the outer layer applies a compressive force to the liner to hold the liner in the collapsed position.
J	- Consider position.
1	10. The device of claim 1 wherein:
2	the outer layer lies directly over the anchor and holds the anchor in the
3	collapsed position, the outer layer being retracted by the outer element to expose the
4	anchor and permit the anchor to move to the expanded position.
1	11. The device of claim 1 wherein:
2	the liner is collapsed by forming a number of folds.
1	12. The device of claim 1 wherein:
2	the liner is made of expanded PTFE.
1	13. The device of claim 1 further comprising:
2	a radiopaque coil extending beyond the distal end of the liner and being
3	positioned at least partially between the inner and outer layers.
1	14. The device of claim 13, wherein:
2	the radiopaque coil extends beyond the distal end of the inner and outer layers
1	15. The device of claim 1 wherein:
2	the inner and outer layers extend beyond a distal end of the liner, the outer
3	layer tapering distally and being flexible enough to expand over the tapered section
4	when the outer layer is retracted relative to the inner layer.
1	16. The device of claim 1 wherein:
2	the inner liner is attached to an inner element, the inner element engaging the
3	anchor to hold the anchor when the outer layer is retracted relative to the inner layer.

1	17. The device of claim 16, wherein:
2	the inner element is spiral cut at a distal end.
1.	18. The device of claim 17, wherein:
2	the inner element has a lumen for receiving a guidewire, the lumen having a
3	diameter of 0.015-0.25 inch.
1	19. The device of claim 1 wherein:
2	the anchor has a length of less than 15 mm when collapsed.
1	20. A method of lining a vessel, comprising the steps of:
2	providing an expandable anchor, a liner, an inner layer, and an outer layer, the
3	anchor and liner being movable from a collapsed shape to an expanded shape, the
4	liner being attached to the anchor and extending from an end of the anchor, the outer
5	layer being slidable relative to the inner layer, the outer layer extending over the liner
6	and the anchor extending over the liner and anchor in the collapsed position;
7.	advancing the device to a treatment site; and
8	retracting the outer layer to expose the liner and the anchor to permit the
9.	anchor to expand.
1	21. The method of claim 20 wherein:
2	the providing step is carried out with the outer layer holding the anchor and the
3	liner in the collapsed position.
1	22. The method of claim 20 wherein:
2	the providing step is carried out with the outer layer having a thickness of
3	0.0005-0.002 inch.
1	23. The method of claim 20 wherein:
2	the providing step is carried out with the outer layer having a tapered portion
3	when the anchor is in the collapsed position; and

4	the retracting step is carried out with the outer layer stretching over the tapere	d
5	portion as it passes over the tapered portion.	
1	24. The method of claim 23, wherein:	
2	the providing step is carried out with the inner layer having a thickness of	
3	0.0005-0.002 inch.	
1	25. The method of claim 20 wherein:	
2	the providing step is carried out with the outer layer having a diameter of no	
3	more than 0.050 inch when in the collapsed position.	
1	The method of claim 20 wherein:	
2	the providing step is carried out with the outer layer having a diameter of no	
3	more than 0.045 inch when in the collapsed position.	
1	27. The method of claim 20 wherein:	
2	the providing step is carried out with the outer layer lying directly over the	
3	anchor to hold the anchor in the collapsed position;	
4	the retracting step being carried out so that the outer layer is retracted to expose the	
<b>5</b> .	anchor and permit the anchor to expand.	
1	28. The method of claim 20 wherein:	
2	the providing step is carried out with the liner collapsed by forming a number	
3	of folds which are folded around one another.	
1	29. The method of claim 20 wherein:	
2	the providing step is carried out with the liner being made of expanded PTFE.	
1	30. The method of claim 20 further comprising the step of:	
2	advancing a medical device into the liner after the retracting step.	
1	31. The method of claim 30, wherein:	

2	the advancing step is carried out with the medical device being a medical
3	device selected from the group consisting of a stent, an angioplasty balloon, a filter, a
4	drug delivery device, and an atherectomy device.
1	32. The method of claim 20 wherein:
2	the providing step is carried out with the inner layer being attached to an inner
3	element; and
4	the retracting step is carried out with the inner element contacting the anchor
5	to hold the anchor in place while retracting the outer layer.
1	33. The method of claim 32, wherein:
2	the providing step is carried out with the inner element having a lumen for
3	receiving a guidewire, the lumen having a diameter of 0.015-0.25 inch.
1	34. The method of claim 20 wherein:
2	the providing step is carried out with the outer layer attached to an outer
3	element; and
4 5	the retracting step is carried out with the outer element being retracted with the outer layer.
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1	35. The method of claim 20 wherein:
2	the providing step is carried out with a radiopaque coil extending beyond the
3	distal end of the liner and being positioned at least partially between the inner and
4	outer layers.
1	36. The method of claim 35, wherein:
2	the providing step is carried out with the radiopaque coil extending beyond the
3	distal end of the inner and outer layers.
l	37. The method of claim 20 wherein:
2	the providing step is carried out with the anchor having a length of less than 15
3	mm when collapsed.

1	38. A method of opening a narrowed region in a blood vessel, comprising
2	the steps of:
3	providing a liner movable from a collapsed condition to an expanded
4	condition;
5	advancing the liner to a narrowed region of a blood vessel with the liner in the
6	collapsed position;
7	passing at least a portion of the liner through the narrowed region of the blood
8	vessel in the collapsed position;
9	positioning a stent in the liner so that the stent is also positioned in the
0	narrowed region of the blood vessel, the liner preventing the stent from contacting the
1	narrowed region of the blood vessel; and
2	expanding the stent to open the narrowed region of the vessel.
1	39. The method of claim 38, wherein:
2	the advancing and passing steps are carried out with the blood vessel being a
3	vessel selected from the group comprising the internal carotid artery and saphenous
4	vein graft.
1	40. The method of claim 38, further comprising the step of:
2	expanding the liner before expanding the stent.